

+

 $+$

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Application Number	09/780,303
Filing Date	February 9, 2001
First Named Inventor	Thomas R. Harold
Group Art Unit	
Examiner Name	
Attorney Docket Number	P.3001.2ITEC

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

8-6-02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+



Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/780,303
Filing Date	February 9, 2001
First Named Inventor	Thomas R. Harold
Group Art Unit	
Examiner Name	
Attorney Docket Number	P-3001.2ITEC

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PL		K. SEN, S. HAJIR BAHRAMI AND P. BAJAJ; High-Performance Acrylic Fibers; 1996; 39 pages; Department of Textile Technology, Indian Institute of Technology, New Delhi 110016, India	
PL		A.K. GUPTA, D.K. PALIWAL, PUSHPA BAJAJ; Acrylic Precursors for Carbon Fibers; 1991; 44 pages; Centre for Material Science & Technology, Department of Textile Technology, Indian Institute of Technology, New Delhi 110016, India	
PL		KATHERINE SHARIQ, ERIC ANDERSON, MARIO JAECKEL, YASUHIKO SAKUMA; Carbon Fibers; 1995; 53 pages; CEH Marketing Research Report; Chemical Economics Handbook	
PL		ALEX JAMES, CEO; Alex James and Associates Inc., Greenville, South Carolina; IFJ February 1998; 1 page.	
PL		MARK HESCHMEYER; US Academic Research into Carbon Fiber; IFJ February 1998; 3 pages.	
PL		MARK HESCHMEYER; Companies Take Fresh Look at Carbon Fibers; IFJ February 1998; 2 pages.	
PL		RALPH MARKEE; Dwindling Supply of Rayon Yarn Precursor Puts Pressure on US Space, Military Programs; IFJ February 1998; 1 page.	
PL		Carbon Fiber Corporate Update; IFJ February 1998; 1 page.	
PL		JOHN M. CROOK, Pasco Inc; Custom-Designed Rolls Improve Production of Carbon Fibers; IFJ February 1998; 2 pages.	
PL		BARMAG SPINNZWEIRN; Precision Winder EKS 201C for Carbon Fiber; IFJ February 1998; 1 page	
PL		The Sahm 260 E-C Take-up Winder for Carbon Fiber; IFJ February 1998; 1 page.	

Examiner
Signature

Date
Considered

8-6-02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.